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counter value each time the transmitter is operated, and a non-linear encoding circuit to encode the counter value to generate a transmission value, and

A1 Cont.
a plurality of receivers in electrical communication with said plurality of electronically actuated doors to receive open door signals from said transmitters to initiate the opening of said doors in response to the receipt of said signals, each of said receivers including at least one decoder microchip comprising a circuit in which a second identification value is stored, a circuit in which the transmission value from an encoder microchip of a transmitter is received, a circuit in which the transmission value is decoded to generate a decoded counter value, and a circuit in which the second decoded counter value obtained from the previous transmission is stored.

22. (New) The system of claim 21, wherein each receiver comprises a number of decoder microchips, said number of decoder microchips corresponding to the number of transmitters in the system.
